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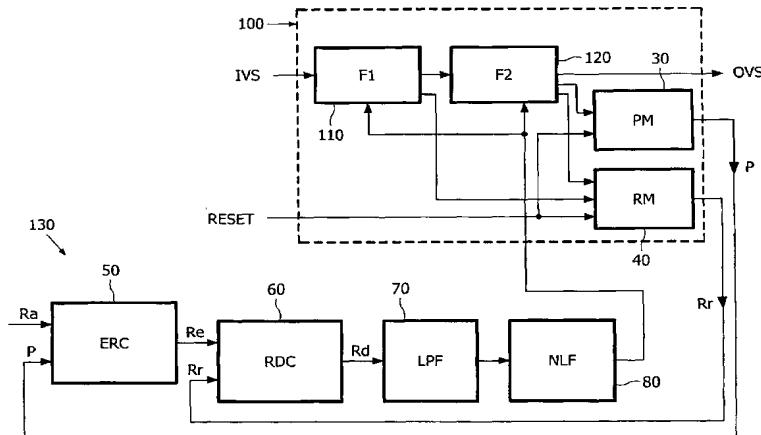
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(54) Title: MEDIA SIGNAL PROCESSING METHOD, CORRESPONDING SYSTEM, AND APPLICATION THEREOF IN A RESOURCE-SCALABLE MOTION ESTIMATOR



(57) Abstract: The invention relates to a method of processing, in a media signal processing system, a media signal available in the form of successive sets of media data packets. The method, which performs one or a plurality of functions among which at least one of them can be carried out with different levels of scalability resulting in different output qualities and resource demands, comprises the steps of - requesting a resource to provide a plurality of system outputs ; - allocating a predetermined budget to the method in order to enable operating the method at a given level of scalability ; - measuring an expression called progress that takes into account the processed data ; - measuring at least one media processing specific resource used during operation ; - on the basis of regulation parameters consisting of the allocated budget and said measurements, performing a load regulation by allocating modified resources for media signal processing.

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